FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 June 2019



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020

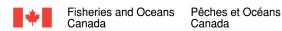




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

		Cowich	an Rav	Sidn	ev
Date	Day Type	AM	PM	AM	PM
29 May 2019	Midweek	7 1171	1 141	7 1171	1 171
30 May 2019	Midweek				
31 May 2019	Midweek				1
01 Jun 2019	Weekend				•
02 Jun 2019	Weekend				
03 Jun 2019	Midweek				
04 Jun 2019	Midweek				
05 Jun 2019	Midweek				
06 Jun 2019	Midweek				
07 Jun 2019	Midweek	1			
08 Jun 2019	Weekend	1			
09 Jun 2019	Weekend				
10 Jun 2019	Midweek				
11 Jun 2019	Midweek				
12 Jun 2019	Midweek				
13 Jun 2019	Midweek				
14 Jun 2019	Midweek				
15 Jun 2019	Weekend				
16 Jun 2019	Weekend		8	7	
17 Jun 2019	Midweek				
18 Jun 2019	Midweek				
19 Jun 2019	Midweek				
20 Jun 2019	Midweek				
21 Jun 2019	Midweek				
22 Jun 2019	Weekend				
23 Jun 2019	Weekend				
24 Jun 2019	Midweek		1		
25 Jun 2019	Midweek				
26 Jun 2019	Midweek				
27 Jun 2019	Midweek				
28 Jun 2019	Midweek				
29 Jun 2019	Weekend				
30 Jun 2019	Weekend				1
01 Jul 2019	Weekend				
02 Jul 2019	Midweek				
03 Jul 2019	Midweek				

Table 2: Daily tally of interviews, catch and effort.

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
29-May-2019	Wednesday		0							
30-May-2019	Thursday		0							
31-May-2019	Friday	choppy	1							
01-Jun-2019	Saturday	117	0							
02-Jun-2019	Sunday		0					10	1120	20
03-Jun-2019	Monday		0							
04-Jun-2019	Tuesday		0							
05-Jun-2019	Wednesday		0							
06-Jun-2019	Thursday		0							
07-Jun-2019	Friday	calm/rippled	1					5	1127	10
08-Jun-2019	Saturday	calm/rippled	1							
09-Jun-2019	Sunday		0					22	1128	44
10-Jun-2019	Monday		0							
11-Jun-2019	Tuesday		0							
12-Jun-2019	Wednesday		0							
13-Jun-2019	Thursday		0					5	1126	10
14-Jun-2019	Friday		0							
15-Jun-2019	Saturday		0							
16-Jun-2019	Sunday	calm/rippled	15							
17-Jun-2019	Monday		0							
18-Jun-2019	Tuesday		0							
19-Jun-2019	Wednesday		0					1	1126	2
20-Jun-2019	Thursday		0							
21-Jun-2019	Friday		0							
22-Jun-2019	Saturday		0					7	1125	14
23-Jun-2019	Sunday		0							
24-Jun-2019	Monday	choppy	1							
25-Jun-2019	Tuesday		0							
26-Jun-2019	Wednesday		0					3	1121	6
27-Jun-2019	Thursday		0							
28-Jun-2019	Friday		0							
29-Jun-2019	Saturday		0					18	1129	36
30-Jun-2019	Sunday	calm/rippled	1							
01-Jul-2019	Monday (Canada		0							
	Day)									
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday		0							
	Totals	choppy	2					4*		7*
	Totals	calm/rippled	17					14*		29*

^{*} Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

				CPUE			Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats		Effort								
Weekend	29	10	290								
Midweek	7	20	140								

Table 4: Recent years estimates of retained catch and effort.

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	9	4			
2015	June	993	216			
2016	June	859	161			
2017	June	1512	185			
2018	June	1226	31			
2019	June	243	0			0
5-Yr Avg	June	920	119			

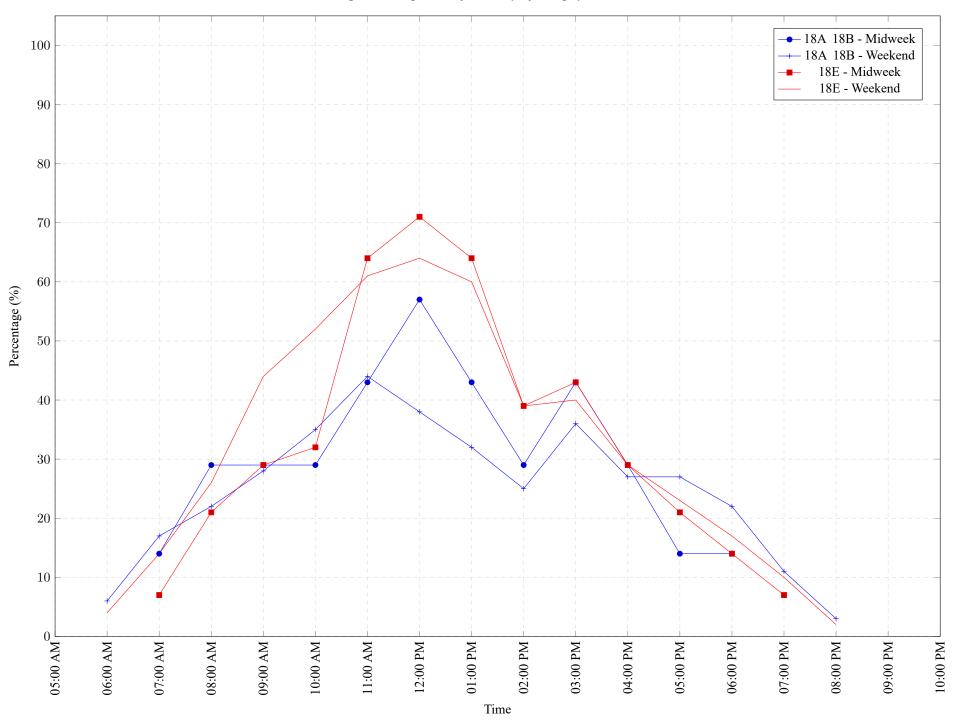
Table 5: Sport Head Recovery Review.

Species	Creel	Creel	Creel	iRec	iRec	iRec	Sport Head
	Marked	Mark	Submission	Marked	Mark	Submission	Recoveries
	Catch	Rate	Rate	Catch	Rate	Rate	

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	19	0%
iRec Anglers	1471	1%
iRec Responses	45	0%

Figure 1: Proportion of each day's fishing by hour.



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Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM										
18A 18B	Midweek	0%	14%	29%	29%	29%	43%	57%	43%	29%	43%	29%	14%	14%	0%	0%	0%	0%
18A 18B	Weekend	6%	17%	22%	28%	35%	44%	38%	32%	25%	36%	27%	27%	22%	11%	3%	0%	0%
18E	Midweek	0%	7%	21%	29%	32%	64%	71%	64%	39%	43%	29%	21%	14%	7%	0%	0%	0%
18E	Weekend	4%	14%	26%	44%	52%	61%	64%	60%	39%	40%	29%	23%	17%	10%	2%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cowichan	Sidney
		Bay	
29 May 2019	Midweek		
30 May 2019	Midweek		
31 May 2019	Midweek		choppy
01 Jun 2019	Weekend		113
02 Jun 2019	Weekend		
03 Jun 2019	Midweek		
04 Jun 2019	Midweek		
05 Jun 2019	Midweek		
06 Jun 2019	Midweek		
07 Jun 2019	Midweek	calm/rippled	
08 Jun 2019	Weekend	calm/rippled	
09 Jun 2019	Weekend		
10 Jun 2019	Midweek		
11 Jun 2019	Midweek		
12 Jun 2019	Midweek		
13 Jun 2019	Midweek		
14 Jun 2019	Midweek		
15 Jun 2019	Weekend		
16 Jun 2019	Weekend	choppy	calm/rippled
17 Jun 2019	Midweek		
18 Jun 2019	Midweek		
19 Jun 2019	Midweek		
20 Jun 2019	Midweek		
21 Jun 2019	Midweek		
22 Jun 2019	Weekend		
23 Jun 2019	Weekend		
24 Jun 2019	Midweek	choppy	
25 Jun 2019	Midweek		
26 Jun 2019	Midweek		
27 Jun 2019	Midweek		
28 Jun 2019	Midweek		
29 Jun 2019	Weekend		
30 Jun 2019	Weekend		calm/rippled
01 Jul 2019	Weekend		
02 Jul 2019	Midweek		
03 Jul 2019	Midweek		